NPIC/IPD-170/67
14 June 1967

MEMORANDUM FOR: Assistant for Technical Development, NPIC

25X1A

ATTENTION:

25X1A

SUBJECT: Constraints on System Design Being Performed by

DECLASS REVIEW by NIMA/DOD

1. After careful review of the various constraints of a budgetary nature that bear on the extent and time-sequencing of the implementation of the IIS and after study of the problems faced by this division in continuing its current support of the Center's operations and in its continuing development of systems that fall outside the purview of the IIS either by subject matter or by implementation deadline, it has become clear that the following conditions must be conveyed to ▮ as restrictions on the over-all design that they are developing.
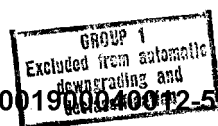
25X1A

   a. Hardware - The system (i.e., the IIS) must be implemented on a central processor configuration that is based on dual UNIVAC 494's. Any changes in the detailed structure of this system must be such that there will be no increase in the cost of the system to the Center over that figure currently budgeted.

   b. Executive System - The RUM Executive System presently being developed from the NSA system will be the basic operating environment for programs operating within the IIS.

   c. COINS - The IIS must provide for acceptance of and response to queries through the COINS net directed at any file available for on-line query from within the Center which may be declared to be eligible for access by outside agencies.

2. We will also specifically state that the contractor is not presently constrained to use either TIPS pilot or any of its successors (i.e., TIPS I or TIPS II) as the vehicle for storage and retrieval of information within the IIS, nor is he required to use the TILE language as a query language in the IIS. The contractor, however, should examine these approaches with care and weigh carefully the cost of implementing any one approach.

SECRET

25X1A

SUBJECT: Constraints on System Design Being Performed by ▮▮▮▮▮   25X1A
          Under ▮▮▮▮▮▮▮▮▮

3. The substance of the preceding paragraphs will be outlined
orally to the contractor. We do request that you make same a matter
of record by letter from the contracting officer to ▮▮▮   25X1A

                                                                          25X1A

                              ▮▮▮▮▮▮▮▮▮▮▮▮

                    Acting Chief, Information Processing Division
                                   NPIC

Distribution:
   Orig & 1 - Addressee
          2 - NPIC/IPD/SYB

SECRET